Please amend the claims as follows:

1. (Previously Presented) A kit of parts comprising two or more protein kinase substrate polypeptides, each said substrate polypeptide comprising a specificity conferring portion, wherein the specificity conferring portion is different for each said substrate polypeptide, and a phosphorylatable portion, wherein the phosphorylatable portion of each said substrate polypeptide is capable of being bound in a phosphorylation state-sensitive manner by a specific binding partner, and wherein said specific binding partner in not an antibody specific for phosphotyrosine, phosphoserine or phosphothreonine.

2. (Original) The kit of claim 1 wherein the phosphorylatable portions of the polypeptides have identical amino acid sequences.

3. (Previously Presented) A kit of parts as defined in claim 1 wherein the phosphorylatable portion of at least one said polypeptide is phosphorylated.

4. (Previously Presented) The kit of claim 1 wherein each said polypeptide is of less than 40, 30, 20, 19, 18, 17, 16, 15, or 14 amino acids in length.

5. (Original) The kit of claim 4 wherein said polypeptide is 13, 12, 11, 10 or 9 amino acids in length.

6. (Previously Presented) The kit of claim 5 wherein the protein kinase substrate polypeptide is a substrate for a serine/threonine protein kinase.

7. (Currently Amended) The kit of claim 1 wherein the phosphorylatable portion has the amino acid sequence <u>of SEQ ID NO:6</u> ~~LSFAEPG~~.

8. (Previously Presented) The kit of claim 1 further comprising the specific binding partner.

9. (Previously Presented) The kit of claim 8 wherein the specific binding partner is an antibody.

10. (Currently Amended) An antibody specific for the epitope formed by the amino acid sequence of SEQ ID NO:6 ~~LSFAEPG~~.

11. (Currently Amended) An antibody specific for the epitope formed by the amino acid sequence of SEQ ID NO:6 ~~LSFAEPG~~.

12. (Currently Amended) A polypeptide of less than 40, 30, 20, 19, 18, 17, 16, 15, or 14 amino acids in length wherein the polypeptide is not a fragment of glycogen synthase kinase 3, and wherein the polypeptide comprises SEQ ID NO: 6 having up to ~~the amino acid sequence LSFAEPG (which includes sequences with no, one, two, three, four or~~ five resides (other than serine) conservatively substituted~~)~~ and further comprising a specificity conferring portion comprising an amino acid sequence ~~(which may overlap with the sequence LSFAEPG)~~ corresponding to a consensus sequence for a protein kinase, wherein the sequence corresponding to the consensus sequence is positioned relative to SEQ ID NO: 6 ~~the sequence LSFAEPG~~ such that the protein kinase is capable of phosphorylating the polypeptide at the serine residue of SEQ ~~ID NO: 6~~ the sequence LSFAEPG~~.~~

13. (Original) The polypeptide of claim 12 wherein the polypeptide is 13, 12, 11, 10, or 9 amino acids in length.

14. (Currently Amended) The polypeptide of claim 12 wherein the amino acid sequence corresponding to the consensus sequence extends to the N-terminus of SEQ ID NO: 6 ~~the sequence LSFAEPG~~.

15. (Currently Amended) The polypeptide of claim 12 wherein the consensus sequence is SEQ ID NO:8, SEQ ID NO:9, SEQ ID NO:2, or SEQ ID NO:5 ~~Arg/Lys-Arg/Lys-Arg/Lys-Xaa-Ser, Arg/Lys-Xaa-Arg/Lys-Xaa-Xaa-Ser, Hyd-Xaa-Arg-Xaa-Xaa-Ser or Xaa-pSer-Xaa-Xaa-Ser~~.

16. (Currently Amended) A polypeptide according to claim 12 in which the serine residue of SEQ ID NO:6 ~~in the sequence LSFAEPG~~ is replaced by phosphoserine.

17. -18. Canceled

19. (Withdrawn, Previously Presented) A method for screening for protein kinases in a sample which may contain protein kinases comprising exposing a polypeptide as defined in claim 12 to the sample and determining whether and optionally to what extent said polypeptide is phosphorylated.

20. (Withdrawn, Previously Presented) A method for assaying the activity of a protein kinase, comprising the steps of exposing the protein kinase to a polypeptide according to claim 12 and determining whether and optionally to what extent said polypeptide is phosphorylated.

21. (Withdrawn, Previously Presented) A method of assessing the activity of a first protein kinase and a second protein kinase, comprising the steps of exposing the first protein kinase to a first polypeptide of a kit according to claim 1, and exposing the second protein kinase to a second polypeptide of a kit according to claim 1; and determining whether and optionally to what extent said polypeptide is phosphorylated.

22. (Withdrawn, Previously Presented) A method for assessing the activity of a protein kinase, comprising the steps of exposing the protein kinase to a first (unphosphorylated) peptide of a kit of claim 2, and

determining whether and optionally to what extent said polypeptide is phosphorylated.

23. (Withdrawn, Previously Presented) A method for characterising the substrate specificity of a protein kinase, comprising the steps of exposing the protein kinase to a first polypeptide of a kit of claim 1, and exposing the protein kinase to a second polypeptide of a kit of claim 1; and determining whether and optionally to what extent said polypeptides are phosphorylated.

24. (Previously Presented) The kit of parts according to claim 1 wherein said specific binding partner is an antibody.

25. (Withdrawn, Previously Presented) The kit of parts according to claim 1 wherein the specific binding partner for the phosphorylatable portion of each said substrate polypeptide is the same.